

Title (en)

Tubeless tyre assembly for two-wheeled vehicle including an annular, elastic and deformable structure

Title (de)

Schlauchlose Reifen für Zweiradfahrzeug mit einer verformbaren, elastischen, ringförmigen Struktur

Title (fr)

Ensemble pneumatique sans chambre à air pour véhicule deux roues comportant une structure annulaire élastique et déformable

Publication

EP 0695651 A1 19960207 (FR)

Application

EP 95111051 A 19950714

Priority

FR 9409777 A 19940729

Abstract (en)

The procedure, consists of first sealing the wheel rim except for any valve holes, fitting one tyre bead (4) against the inside of the rim, and inserting a continuous annular elastic and deformable structure which is of smaller volume than the inside of the tyre. The second bead of the tyre is then fitted to the rim and the tyre is inflated to the required pressure. The annular elastic structure is inflatable and exerts sufficient pressure to hold the tyre beads against the sides of the rim before the tyre is inflated to the desired pressure through a separate valve. The wheel rim is sealed by a strip (26) of elastic material which is also held in place by the inflatable annular structure. The latter has a continuous ring of elastic foam (8) round its outer surface.

Abstract (fr)

L'invention décrit un procédé qui permet de transformer un pneumatique (1) pour véhicule deux roues, habituellement monté avec une chambre à air sur une jante (2) non étanche à l'air, en un ensemble pneumatique dans lequel la pression de gonflage s'exerce directement sur la paroi interne dudit pneumatique (1). Elle concerne aussi le kit comportant les différents éléments nécessaires à la mise en oeuvre de ladite transformation.
<IMAGE>

IPC 1-7

B60C 15/032; B60C 17/01

IPC 8 full level

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CPC (source: EP KR)

B60C 5/00 (2013.01 - KR); **B60C 15/032** (2013.01 - EP); **B60C 17/00** (2013.01 - KR); **B60C 17/01** (2013.01 - EP)

Citation (applicant)

US 2991821 A 19610711 - WILLIAMS SELDEN T

Citation (search report)

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